

5204-7
MDC CONTROL NO. _____

SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION

| | | |
|---|-----------------------------------|--|
| MANUFACTURER'S NAME Almco - Queen Products Division | | EMERGENCY TELEPHONE NO. (507) 373-3961 |
| ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) 505 Front Street Albert Lea, Minnesota 56007 | | |
| CHEMICAL NAME AND SYNONYMS #22 | TRADE NAME AND SYNONYMS | |
| CHEMICAL FAMILY Alkaline Cleaner | FORMULA Borax, Nacconal | |

SECTION II: HAZARDOUS INGREDIENTS*

| PAINTS, PRESERVATIVES/SOLVENTS | % | TLV (UNITS) | ALLOYS AND METALLIC COATINGS | % | TLV (UNITS) |
|--|---|-------------|--|---|-------------|
| PIGMENTS | 0 | | BASE METAL | 0 | |
| CATALYST | 0 | | ALLOYS | 0 | |
| VEHICLE | 0 | | METALLIC COATINGS | 0 | |
| SOLVENTS | 0 | | FILLER METAL PLUS COATING OR CORE FLUX | 0 | |
| ADDITIVES | 0 | | OTHERS | 0 | |
| OTHERS | 0 | | | | |
| HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES* | | | | % | TLV (UNITS) |
| | | | | 0 | |
| | | | | | |
| | | | | | |

SECTION III: PHYSICAL DATA

| | | |
|--|------|---|
| BOILING POINT (°F) | | SPECIFIC GRAVITY (H ₂ O = 1) |
| VAPOR PRESSURE (mm Hg.) | | PERCENT VOLATILE BY VOLUME (%) |
| VAPOR DENSITY (AIR = 1) | | EVAPORATION RATE (_____ = 1) |
| SOLUBILITY IN WATER | 0.07 | |
| APPEARANCE AND ODOR White powder | | |

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

| | | | |
|------------------------------------|------------------|-----|-----|
| FLASH POINT (METHOD USED) | FLAMMABLE LIMITS | LeI | Uel |
| EXTINGUISHING MEDIA | | | |
| SPECIAL FIRE FIGHTING PROCEDURES | | | |
| UNUSUAL FIRE AND EXPLOSION HAZARDS | | | |

*PLEASE DO NOT USE GENERALIZATIONS, SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES.
USE SPECIFIC CHEMICAL NAMES, SUCH AS METHANOL, BENZENE, PERCHLOROETHYLENE.

SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

EFFECTS OF OVEREXPOSURE

EMERGENCY AND FIRST AID PROCEDURES

flush thoroughly

SECTION VI: REACTIVITY DATA

| STABILITY | UNSTABLE | | CONDITIONS TO AVOID |
|-----------|----------|---|---------------------|
| | STABLE | X | |

INCOMPATIBILITY (MATERIALS TO AVOID)

HAZARDOUS DECOMPOSITION PRODUCTS

| HAZARDOUS POLYMERIZATION | MAY OCCUR | | CONDITIONS TO AVOID |
|-----------------------------|----------------|---|---------------------|
| | WILL NOT OCCUR | X | |

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

WASTE DISPOSAL METHOD

Normal

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)

| VENTILATION | LOCAL EXHAUST | SPECIAL |
|-------------|----------------------|---------|
| | X | |
| | MECHANICAL (GENERAL) | OTHER |

PROTECTIVE GLOVES

Not necessary

EYE PROTECTION

safety glasses

OTHER PROTECTIVE EQUIPMENT

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

OTHER PRECAUTIONS

Harold Mickelson

12-10-75

PREPARED BY

DATE

**FOR USE IN
VIBRATORY,
SPINDLE AND
BARREL FINISHING**

BIODEGRADABLE CHEMICAL GRINDING COMPOUND No. 22

ALMCO DEBURRING AND FINISHING MATERIALS

An all-purpose powdered compound for ferrous and non-ferrous metals. Recommended for grinding aluminum and zinc die castings to maintain good surface finish and color without abrasive impregnation. It is effective in removing flash, parting lines, normal burrs, and in improving micro surfaces. Keeps abrasive media free from loading or glazing; keeps equipment, media and parts clean. Completely soluble and non-abrasive, it contains wetting agents, water softeners, and rust inhibitors.

APPLICATIONS: Use in solutions of 2 to 3 ounces per gallon of water in spindle and barrel finishing equipment. In vibratory equipment having constant spray systems, use 2 pounds per 55 gallons of water. May be used with any type of media. Particularly effective when aluminum oxide media has been used and color must be restored.

SPECIFICATIONS

pH of 1% solution 8.7 - 9.7

Total alkalinity (as % NaOH) 17.2 - 18.2

Total acidity (as % H₂SO₄) 0

Insoluble in water (%) 0.07

ORDERING DATA

50 lb. drums

300 lb. drums

Discounts of 1% for 1,000 lbs. and up to 7% for carload quantities are offered. Freight prepaid on carload orders. Various compounds may be combined to earn quantity discounts.

DETROIT
7495 E. Davison
Detroit, Mich. 48212

NEWARK
230 Verona Ave.
Newark, N. J. 07104

ALMCO | **QUEEN PRODUCTS DIVISION**
KING-SEELEY *KST* THERMOS CO.
ALBERT LEA, MINNESOTA 56007